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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Named  
Inventor : Kevin I. Bertness

Appln. No.: 10/046,659

Filed : October 29, 2001

For : ENERGY MANAGEMENT SYSTEM FOR  
AUTOMOTIVE VEHICLE

Docket No.: C382.12-0105

Group Art Unit:2838

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED  
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

**Box Missing Parts**  
Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

21 DAY OF March, 2002  
  
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of application - Filing Date Granted dated March 1, 2002, Applicant encloses the following documents to complete the above-identified patent application filed October 29, 2001:

1. Our PTO Form 2038 in the amount of \$1155 (to cover the filing fee \$370, surcharge fee of \$65 and Four-month extension fee \$720).
2. Fee Calculation Sheet (duplicate).
3. Notice to File Missing Parts of Application-Filing Date Granted.
4. Petition for Four-Month Extension of Time and Fee
5. Request for Approval of Formal Drawings
6. Seven sheets of formal drawings

206260 6593001

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Judson K. Champlin, Reg. No. 34,797  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

JKC/djb

206230" 65934037

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Complete if Known

Application No.	10/046,659
Filing Date	October 29, 2001
First Named Inventor	Kevin I. Bertness
Title	ENERGY MANAGEMENT SYSTEM FOR AUTOMOTIVE VEHICLE
Group Art Unit	2838
Examiner Name	
Atty. Docket Number	C382.12-0105

Total Amount of Payment \$ 1155

## METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123. Westman, Champlin & Kelly, P.A.

2. ☒ PTO Form 2038 Enclosed

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	740	201	370	<input checked="" type="checkbox"/> Utility Filing Fee	
106	330	206	165	<input type="checkbox"/> Design Filing Fee	
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee	
114	160	214	80	<input type="checkbox"/> Prov. Filing Fee	
Subtotal (1) \$ 370					

## 2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	1	20	0	9	0
Ind p.	1	3	0	42	0

Multiple Dependent Claims

\*\* Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity		Small Entity		Description
Code	Fee (\$)	Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent Claims
109	84	209	42	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Subt al (2) \$ 0

## FEE CALCULATION (Continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	65
127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For Filing a Request for Reexamination. (ex parte)	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	720
128	1,960	280	980	Extension for reply within fifth month	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
148	110	248	55	Terminal Disclaimer Fee	
140	110	240	55	Petition to Revive - unavoidable	
141	1,310	241	670	Petition to Revive - unintentional	
142	1,310	242	670	Utility/Reissue issue fee (inc. advance copies)	
143	490	243	260	Design issue fee (inc. advance copies)	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
Other Fee (specify) _____					

Subt al (3) \$785

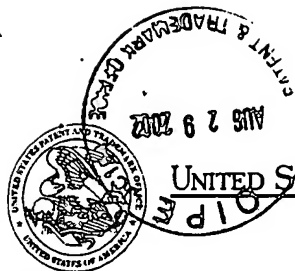
Signature

(Judson K Champlin)

Reg. No. 34,797

Date

Aug 21, 2002Deposit Account No. 23-1123



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/046,659	10/29/2001	Kevin I. Bertness	C382.12-0106

CONFIRMATION NO. 3728

## FORMALITIES LETTER

\*OC00000007562634\*

 Judson K. Champlin  
 WESTMAN CHAMPLIN & KELLY  
 International Centre - Suite 1600  
 900 South Second Avenue  
 Minneapolis, MN 55402-3319

Date Mailed: 03/01/2002

 Adjustment date: 10/25/2002 HTEKLEHI  
 08/30/2002 HTEKLEHI 00000012 231123 10046659  
 01 FC:201  
 02 FC:205  
 -370.00 DP  
 -65.00 DP  
**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**  
**FILED UNDER 37 CFR 1.53(b)**

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The statutory basic filing fee is missing.  
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 870.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

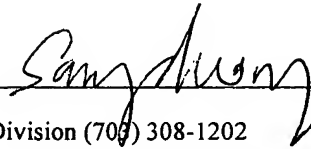
The required item(s) identified below must be timely submitted to avoid abandonment:

- o Substitute drawings in compliance with 37 CFR 1.84 because:  
 10/25/2002 HTEKLEHI 00000012 231123 10046659  
 01 FC:2201 168.00 CH  
 02 FC:2202 342.00 CH  
 drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1));  
 o more than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1));

 10/29/2001 HTEKLEHI 00000011 1904089  
 01 FC:2001  
 02 FC:2051

 08/30/2002 HTEKLEHI 00000012 231123 10046659  
 01 FC:201  
 02 FC:205

*A copy of this notice MUST be returned with the reply.*

A handwritten signature in cursive script, appearing to read "Sang Hwang", is written over a horizontal line.

Customer Service Center

Initial Patent Examination Division (708) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

20220623 16:53:40



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Kevin I. Bertness  
  
Appln. No.: 10/046,659  
  
Filed : October 29, 2001  
  
For : ENERGY MANAGEMENT SYSTEM FOR  
AUTOMOTIVE VEHICLE  
  
Docket No.: C382.12-0105

COPY OF PAPERS  
ORIGINALLY FILED

Group Art Unit: 2838

Examiner:

*Handwritten signature and initials*  
F-230

REQUEST FOR APPROVAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

21 DAY OF Aug 2002  
*Handwritten signature*  
PATENT ATTORNEY

Sir:

Enclosed are **seven** (7) sheets of formal drawings for  
filing in the above-identified application.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: *Handwritten signature*  
Judson K. Champlin, Reg. No. 34,797  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

JKC/djb